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(54) **CONTAINER AND/OR CONTAINER LID WITH RECORDABLE AUDIO PLAYER**

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See application file for complete search history.

(56)

**References Cited**

**U.S. PATENT DOCUMENTS**

5,815,586 A 9/1998 Dobbins  
6,036,017 A 3/2000 Bayliss, IV  
7,305,344 B2 11/2007 Glynn et al.  
8,928,467 B2 1/2015 Jacobs et al.  
9,474,695 B1 \* 10/2016 Khalid ..... A61J 7/0409  
2005/0199525 A1 9/2005 Mahoney

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO 2001022399 A1 3/2001

**OTHER PUBLICATIONS**

International Application No. PCT/US2017/043039, International Search Report and Written Opinion, dated Jan. 19, 2018, 13 pages.

(Continued)

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(57)

**ABSTRACT**

A lid including one or more messages relating to a product is provided. The lid can store and play one or more audio messages on an audio device attached thereto. The audio messages can be recorded onto the audio device, loaded onto the audio device at a point of sale, and/or pre-loaded on the audio device at a factory. The lid can also include one or more visual and/or surface texture indicia corresponding to the product, such as the product name, color(s) uniquely corresponding to the product, and/or the like.

**12 Claims, 7 Drawing Sheets**

